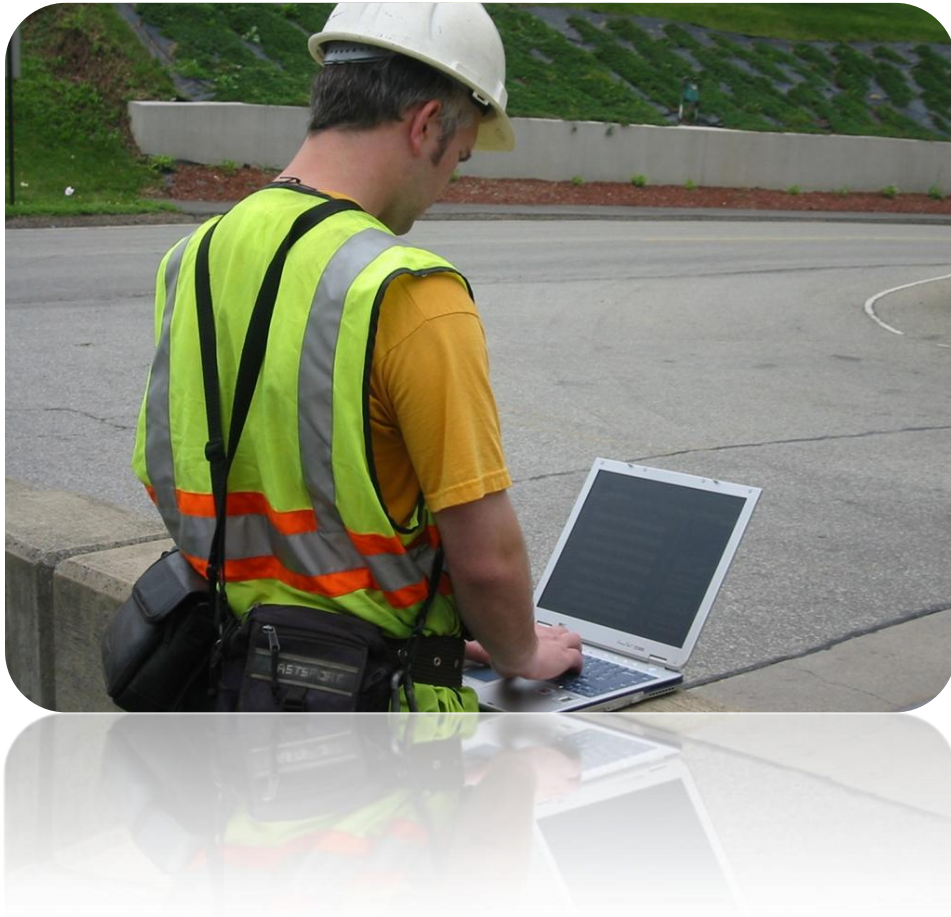# inspect*t*ech

*InspectTech Collector Laptop
Installation Guide*

Laptop Installation Guide Introduction:

The laptop version of InspectTech Collector allows inspections to be started, picked up, and even completed from the inspection site. The laptop component runs without an internet connection and is structured identical to the online version of the software. The laptop version provides users with various tools such as drop down menus, integrated inspection manuals, and past inspection report data to generate quality inspections more efficiently and with reduced errors. The laptop component allows inspectors to focus on their core competency, inspecting assets, rather than transferring data from notepads to a word processed documents over and over again. This installation guide will take users through each step needed to properly install InspectTech Collector on a laptop.
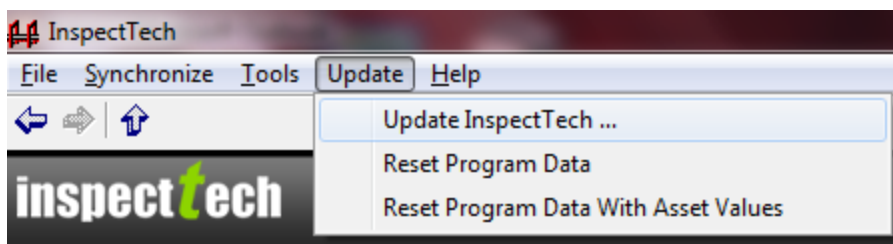
Installation Help:

Any problems or issues with completing an installation of the software can be reported to siims.support@dot.iowa.gov or by calling Iowa DOT, Bridges & Structures Automation Engineer at 515-239-1079.

Requirements for InspectTech Collector Laptop:

Processor	32-bit systems: 1 GHz or faster processor (2 GHz or faster recommended). Multi-core processor recommended. 64-bit systems: 1.4 GHz or faster processor. Multi-core processor recommended.
Memory	Prior to install, there should be a minimum of 4GB free. More memory almost always improves performance, particularly when working with large amounts of data.
Hard Disk	4GB minimum. The amount of space needed might be higher based a number of factors including the number of assets and the amount of picture and file attachments.
Screen Resolution	1024x768 display (1280x800 recommended)

## Instructions for Updating the Laptop Component:

Unless there is a major change to the core software, there is no need to go through the entire installation process. Simply download any updates directly from the application.


Instructions for Installing the Laptop Component:

The first task you must complete is copying the installation files from the SIIMS website to your laptop.

1. Navigate to the SIIMS website, https://siims.iowadot.gov, InspectTech Collector page.

2. Click on the link for the zipped installation file and click the Save button.

3. Navigate to a location on the laptop where the file can be stored. The file is quite large so this process will take several minutes.

4. Unzip the zipped file in the directory you downloaded the file to. To unzip the file right click on the file name and choose the option Extract all…
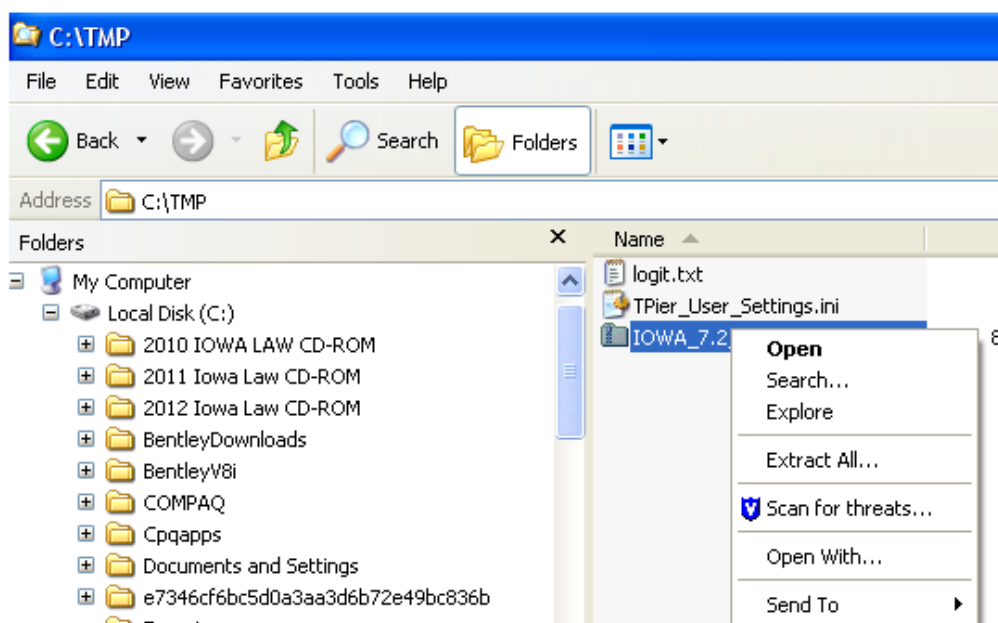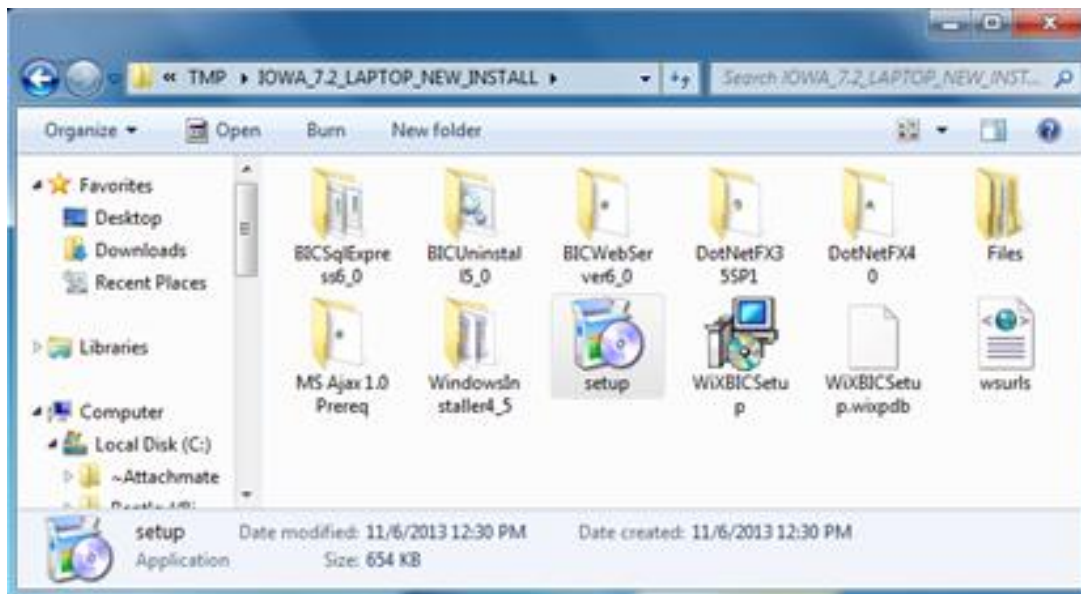
5. When you select Extract All… the Extraction Wizard will appear which guides you through the extraction process. Click on the Next button to begin the extraction process. Click the Finish button when completed.
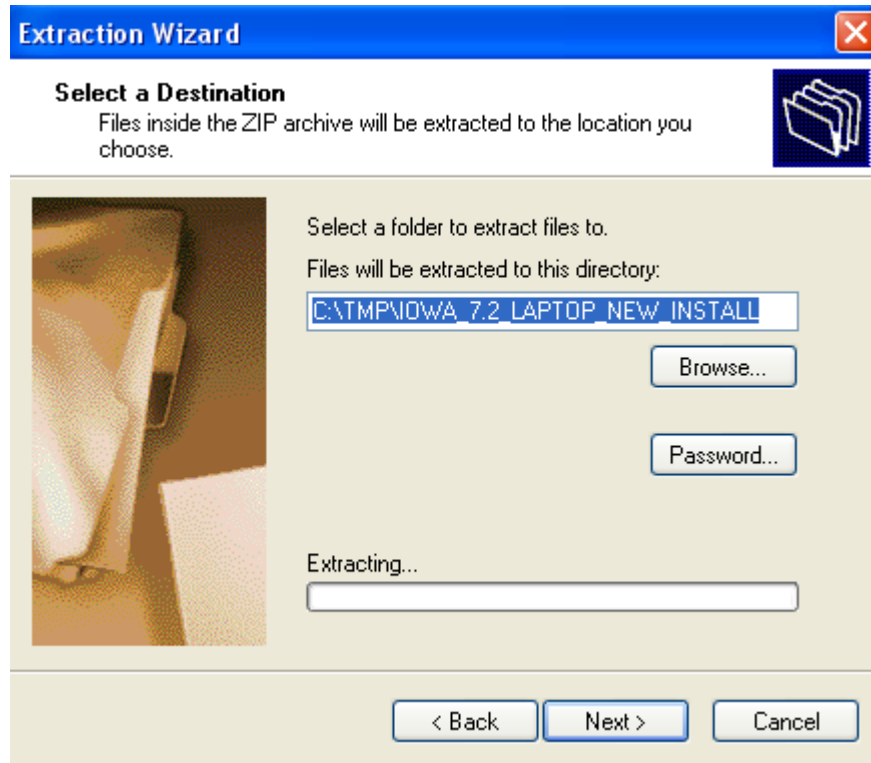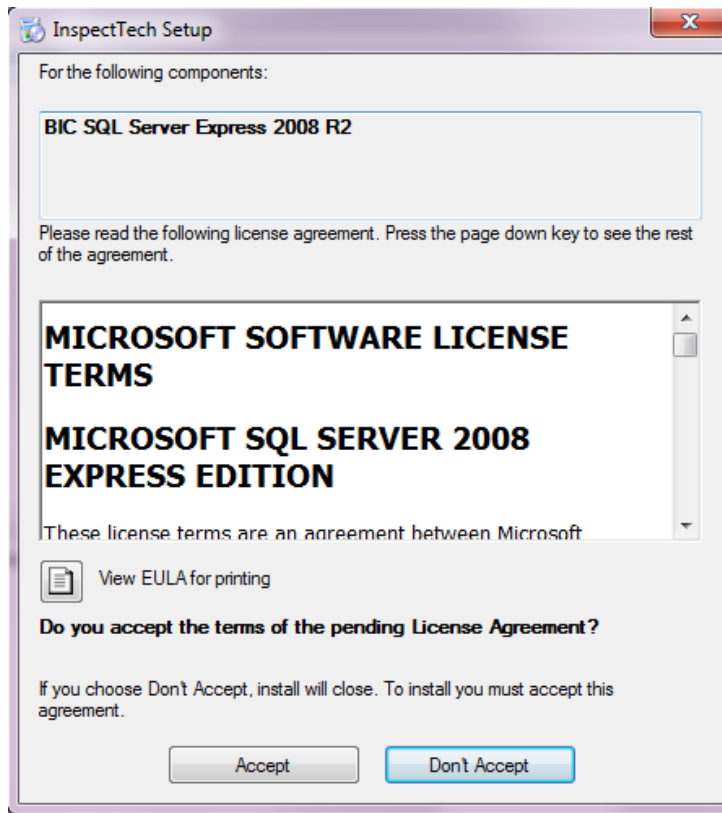

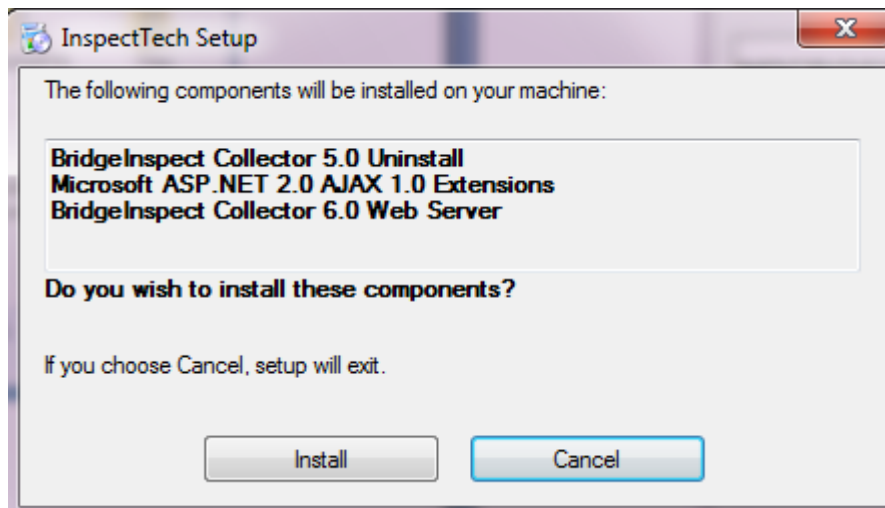6. Now you are ready to begin the setup process by double clicking on the setup file.

7. Next, click the Accept button to accept the software terms.

8. Click the Install button when you see this dialog box.

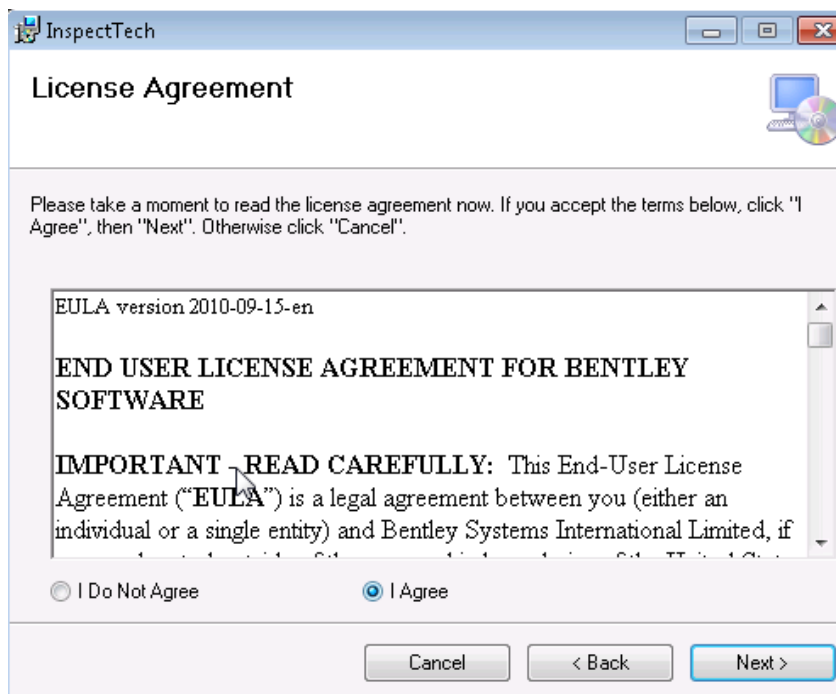9. Click the Next button when the InspectTech Setup Wizard window is displayed.
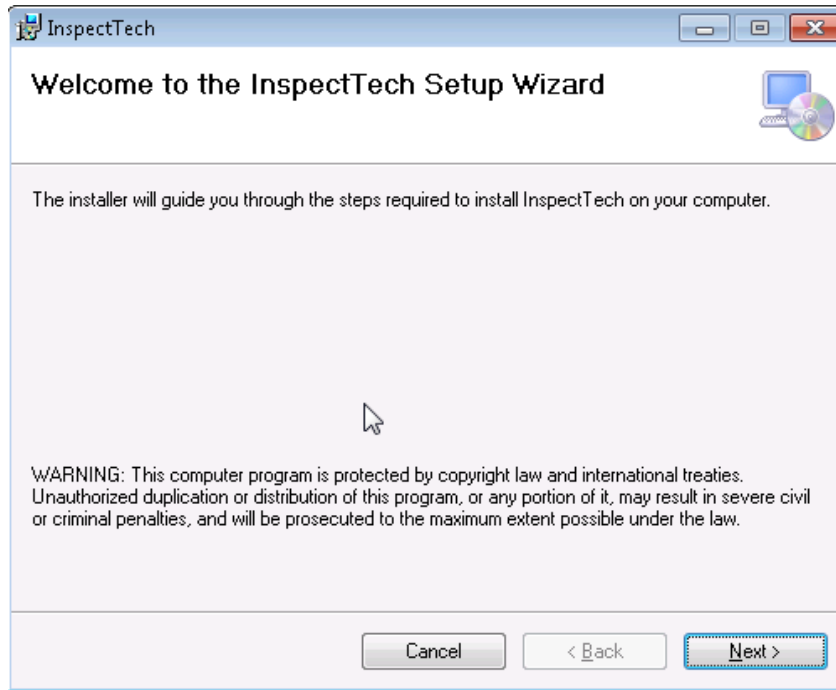
10. Select the I Agree radio button and Click the Next button when the License Agreement window is displayed.
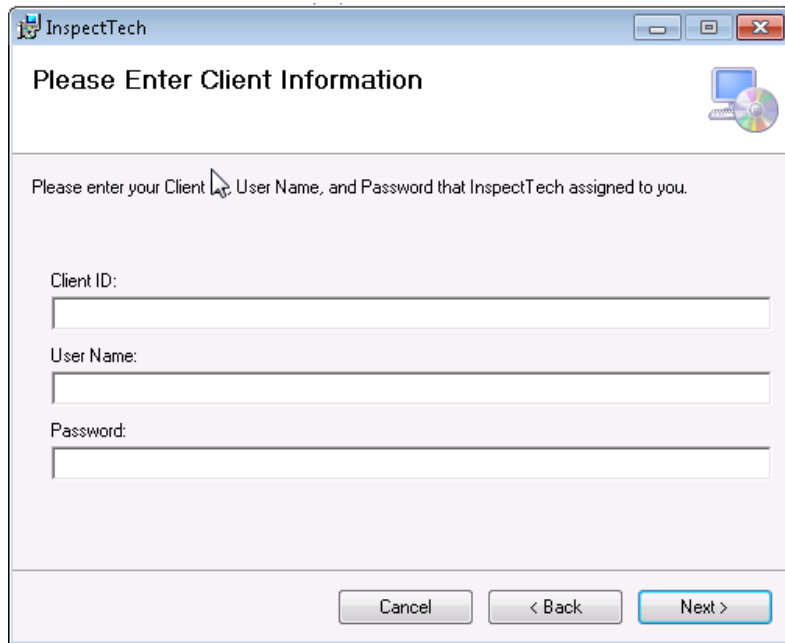
11. Fill in the client information listed below and click the Next button.
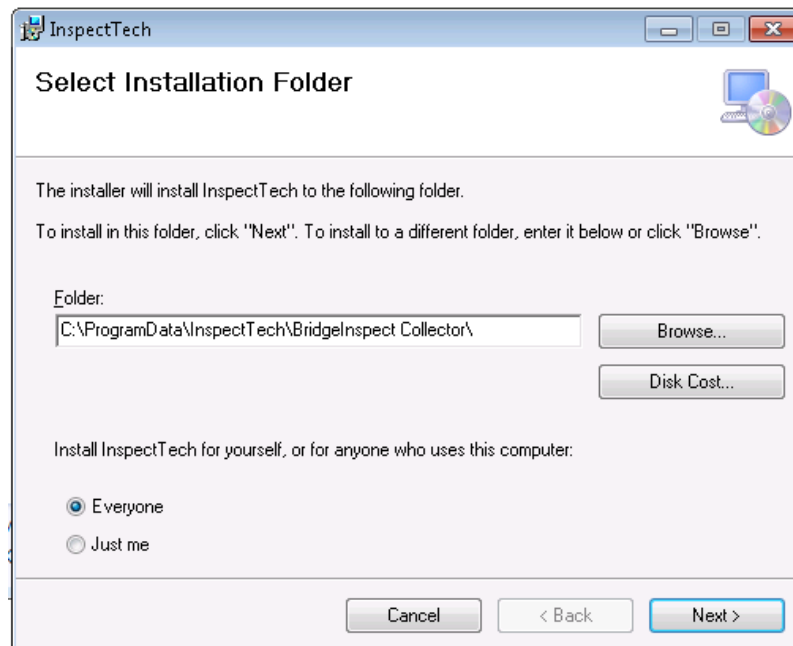
    ClientID = iowa
    User Name = iowast01
    Password = iowast01
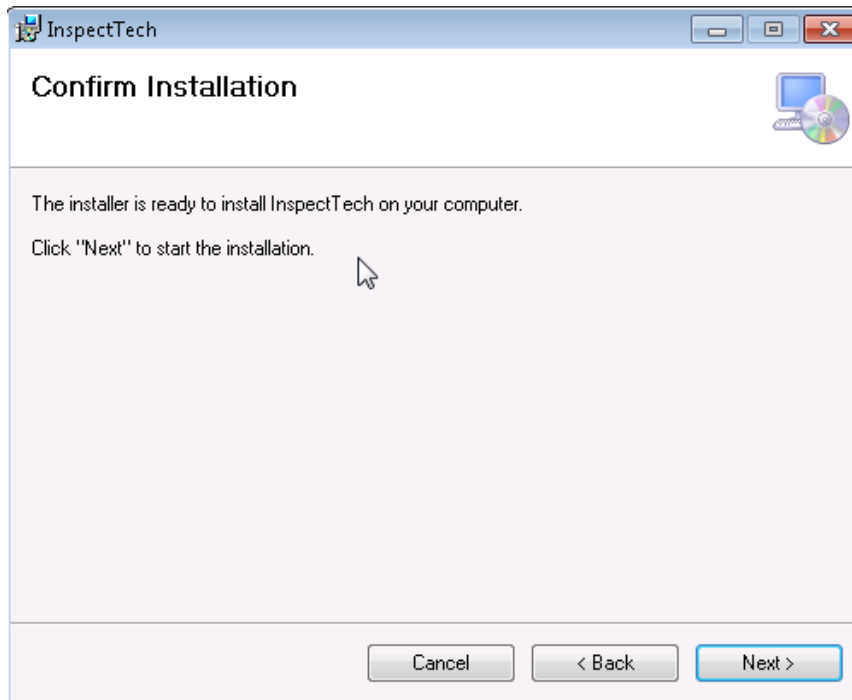

12. Select the Folder where you wish to install the InspectTech Collector software. The software must be installed in a folder that allows the application to write files to it. For Windows 7, the default folder should be used. Click the Next button.
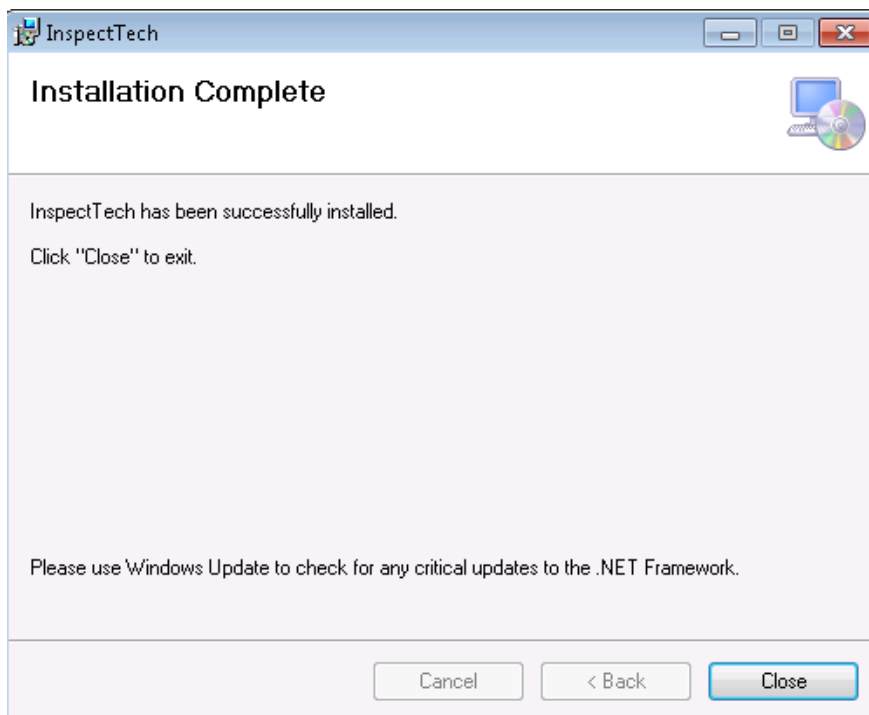
13. Click the Next button to start the installation.

14. Upon a successful installation, you will receive the message below. Click the Close button.

BridgeInspect Collector Installation and Updating FAQs

1. **When and why do I update the Laptop Version?**

   The laptop version is a snapshot of the online database and any of those reports you have permissions to access. As data and code is changed it is important that users have the most up to date information so that a quality inspection can be performed.

   InspectTech recommends Laptop users 'Update' at a minimum of once a week. This process updates any code, script, and application changes; it may take 2-10 minutes depending on the amount of data transferred.

2. **When and why do I synchronize the Laptop Version?**

   As noted above, the laptop version is a snapshot of the online database. If assets' values and any of the assets' report values change online then the laptop must be synchronized to capture those changes. If assets' values and any of the assets' report values change on the laptop then the laptop must be synchronized to send those changes online.

   InspectTech recommends Laptop users 'Synchronize' their laptop version once a day or as often as a stable internet connection is established. This process updates report values as well as asset values; it may take 5-30 minutes depending on the amount of data transferred.

3. **When and why do I 'Reset' from the Update menu?**

   The reset options from the update menu are much longer processes than the synchronization and update. This is caused by the amount of data transferred.

   The 'Reset Program Data' gets any database files (including code, scripts, and actual files) needed to run the application. This also resets all non-report data including manual pages located on the Right Hand Sidebar. This process may take 30 minutes or more to run.

   The 'Reset Program Data with Current Values' does the same as 'Reset Program Data' yet includes a step where it reset all current values from the online server.

   InspectTech recommends Laptop users **do <u>not</u>** use these options unless it has been recommended by a system administrator or an InspectTech operative.